# SEQUENCE LISTING

# SEQ ID No 1. - HCV Core Protein

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GGTGCTTGCGAGTGCCCCGGGAGGTCTCGTAGACCGTGCACCATGAGCACGAATCCTAAA CCACGAACGCTCACGGGGCCCTCCAGAGCATCTGGCACGTGGTACTCGTGCTTAGGATTT												360								
CCA	CGA	ACG	LTC.	ACG	افافاد		LCCA	AGA	JCA.	CIC	الالال	ACG	166	TAY						_
														M	S	Т	N	P	K	6
CCTCAAAGAAAACCAAACGTAACACCAACCGTCGCCCACAGGACGTTAAGTTCCCGGGT											420									
	GGAGTTTCTTTTTGGTTTGCATTGTGGTTGGCAGCGGGTGTCCTGCAATTCAAGGGCCCA																			
																	F	P	G	26
P	Q	R	K	T	K	R	N	Т	N	R	R	P /	/Q	D	V	K	r	Р	G	20
GGCGGTCAGATCGTTGGTGGAGTTTACTTGTTGCCGCCCAGGGGCCCTAGATTGGGTGTG												480								
CCGCCAGTCTAGCAACCACCTCAAATGAACAACGGCGCGTCCCCGGGATCTAACCCACAC																				
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CGCGCGACGAGGAGACTTCCGAGCGGTCGCAACCTCGAGGTAGACGTCAGCCTATCCCC												540								
GCGCGCTGCTCCTTCTGAAGGCTCGCCAGCGTTGGAGCTCCATCTGCAGTCGGATAGGGG																				
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TTC	CGT	GCA	GCC	GGG'	TTC	CCG'	rcc'	TTG.	ACC	CGA	GTC	GGG	CCC	'ATA	GGA	ACC	GGG	GAG	ATA	
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GCAATGAGGGTTGCGGGTGGCCGGGATGGCTCCCCCAGTGGCTCTCGGCCTAGT CQGTTACTCCCAACGCCCACCCGCCCTACCGAGGACAGGGGGTCACCGAGAGCCGGATCA											660									
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				GAC																120
ACC	CCG	GGG'	TTG	CTG	GGG	GCT	GCA'	TCC	AGC	GCG	TTA	AAC	CCA	TTC	CAG	TAG	CTA'	rgg	GAA	
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TGC	ACG	CCG	AAG	CAG	CTA	gag'	TAC	CCC		I.A.I.	GGC	GAG	CAC	CCG						
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CCT	מככ	מככ	CCC	ירידים	ada	СЪТ	ccc	стс	CGG	ርጥጥ	СТС	GAZ	GAC	GGT	GTG	AAC	TAT	GCA	ACA	840
GCTGCCAGGGCCCTGGCGCATGGCGTCCGGGTTCTGGAAGACGTGTGAACTATGCAACA 8 CGACGGTCCCGGGACCGCGTACCGCAGGCCCAAGACCTTCTGCCACACTTGATACGTTGT																				
CGA	ىنى.			GAC	960															3 C C
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GGTAACCTTCCTGGTTGCTCTTTCTCTATCTTCCTTCTGGCCCTGCTCTCTTGCCTGACT												900								
CCATTGGAAGGACCAACGAGAAAGAGATAGAAGGAAGACCGGGACGAGAGAACGGACTGA																				
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CACGGGCGAAGTCGGATGGTTCACGCGTTG																				
V	P	A	Þ	A	Y	Q	V	R	N	19	6									

### SEQ ID No 2. - HCV Core Protein - Amino acids 125 to 144

ACCCTTACGTGCGGCTTCGTCGATCTCATGGGGTACATACCGCTCGTCGGCGCCCCTCTT 777
TGGGAATGCACGCCGAAGCAGCTAGAGTACCCCATGTATGGCGAGCAGCCGCGGGGAGAA
T L T C G F V D L M G Y I P L V G A P L 144

SEQ ID No 3. - HCV Core Protein - Amino acids 161 to 166

GGTGTGAACTATGCAACA 840 CCACACTTGATACGTTGT G V N Y A T 166

### SEQ ID No.4 - human ADRP - nucleotide sequence

 ${\tt CGTCTTCGGGACGCCCGCTCTTCGCCTTTCGCTGCAGTCCGTCGATTTCTTCTCCAGCGCCGCTCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCGAGTCCCAGGTCCGAGTCCCAGGTCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCCCAGGTCAGGTCAGGTCCAGGTCAGGTCCAGGTCAGGTCAGGTCCAGGTC$ 60 GAAGAAAAATGGCATCCGTTGCAGTTGATCCACAACCGAGTGTGGTGACTCGGGTGGTCA 120 ACCTGCCCTTGGTGAGCTCCACGTATGACCTCATGTCCTCAGCCTATCTCAGTACAAAGG 180 ACCAGTATCCCTACCTGAAGTCTGTGTGTGAGATGSCAGAGAACGGTGTGAAGACCATCA CCTCCGTGGCCATGACCAGTGCTCTGCCCATCATCCAGAAGCTAGAGCCGCAAATTGCAG 300 TTGCCGATACCTATGCCTGTAAGGGGCTAGACAGGATTGAGGAGAGACTGCCTATTCTGA 360 ATCAGCCATCAACTCAGATTGTTGCCAATGCCAAAGGCGCTGTGACTGGGGCAAAAGATG 420 CTGTGACGACTACTGTGACTGGGGCCAAGGATTCTGTNGCCAGCACGATCACAGGGGTGA 480 TGGACAAGACCAAAGGGGCAGTGACTGGCAGTGTGGAGAAGACCAAGTCTGTGGTCAGTG 540 600 GCAGCATTAACACAGTCTTGGGGAGTCGGATGATGCAGCTCGTGAGCAGTGGCGTAGAAA 660 TAGAAAAAGAAGCAAAAAAAGTTGAAGGATTTGATCTGGTTCAGAAGCCAAGTTATTATG 720 TTAGACTGGGATCCCTGTCTACCAAGCTTCACTCCCGTGCCTACCAGCAGGCTCTCAGCA 780 840 GGGTTAAAGAAGCTAAGCAAAAAAGCCAACAGACCATTTCTCAGCTCCATTCTACTGTTC 900 ACCTGATTGAATTTGCCAGGAAGAATGTGTATAGTGCCAATCAGAAAATTCAGGATGCTC 960 AGGATAAGCTCTACCTCTCATGGGTAGAGTGGAAAAGGAGCATTGGATATGATGATACTG 1020 ATGAGTCCCACTGTGCTGAGCACATTGAGTCACGTACTCTTGCAATTGCCCGCAACCTGA 1080 CTCAGCAGCTCCAGACCACGTGCCACACCCTCCTGTCCAACATCCAAGGTGTACCACAGA 1140 ACATCCAAGATCAAGCCAAGCACATGGGGGGTGATGGCAGGCGACATCTACTCAGTGTTCC GCAATGCTGCCTCCTTTAAAGAAGTGTCTGACAGCCTCCTCACTTCTAGCAAGGGGCAGC 1200 TGCAGAAAATGAAGGAATCTTTAGATGACGTGATGGATTATCTTGTTAACAACACGCCCC 1260 1320 -58- P5523GB

AAGGTGCAGAGATGGACAAGAGCAGCCAGGAGACCCAGCGATCTGAGCATAAAACTCATT 1380 1440 1500 GAAATTAACTTGCTAGGCAACCCTAAATTGGGAAGCAAGTAGCTAGTATAAAGGCCCTCA ATTGTAGTTGTTTCCAGCTGAATTAAGAGCTTTAAAGTTTCTGGCATTAGCAGATGATTT 1560 CTGTTCACCTGGTAAGAAAAGAATGATAGGCTTGTCAGAGCCTATAGCCAGAACTCAGAA 1620 AAAATTCAAATGCACTTATGTTCTCATTCTATGGCCATTGTGTTGCCTCTGTTACTGTTT 1680 GTATTGAATAAAAACATCTTCATGTGGGCTGGGGTAGAAACTGGTGTCTGCTCTGGTGTG 1740 1800 GTTTTTCATTTCTCAAATAGGAATACTACCTTTGAATTCAATAAAATTCACTGCAGGATA 1860 GACCAGTTNAGNAGCAAACANNCANGTACACNNAAGANAC 1900

### SEO ID No. 5 - human ADRP - Amino acid sequence

MetAlaSerValAlaValAspProGlnProSerValValThrArgVal 16 ValAsnLeuProLeuValSerSerThrTyrAspLeuMetSerSerAla 32 TyrLeuSerThrLysAspGlnTyrProTyrLeuLysSerValCysGlu 48 MetXaaGluAsnGlyValLysThrIleThrSerValAlaMetThrSer 64 AlaLeuProIleIleGlnLysLeuGluProGlnIleAlaValAlaAsp 80 ThrTyrAlaCysLysGlyLeuAspArgIleGluGluArgLeuProIle 96 LeuAsnGlnProSerThrGlnIleValAlaAsnAlaLysGlyAlaVal 112 ThrGlyAlaLysAspAlaValThrThrThrValThrGlyAlaLysAsp 128 SerValAlaSerThrIleThrGlyValMetAspLysThrLysGlyAla 144 ValThrGlySerValGluLysThrLysSerValValSerGlySerIle 160 AsnThrValLeuGlySerArgMetMetGlnLeuValSerSerGlyVal 176 GluAsnAlaLeuThrLysSerGluLeuLeuValGluGlnTyrLeuPro 192 LeuThrGluGluGluLeuGluLysGluAlaLysLysValGluGlyPhe 208 224 AspLeuValGlnLysProSerTyrTyrValArgLeuGlySerLeuSer ThrLysLeuHisSerArgAlaTyrGlnGlnAlaLeuSerArgValLys 240  ${\tt GluAlaLysGlnLysSerGlnGlnThrIleSerGlnLeuHisSerThr}$ 256 272 ValHisLeuIleGluPheAlaArgLysAsnValTyrSerAlaAsnGln  ${\tt LysIleGlnAspAlaGlnAspLysLeuTyrLeuSerTrpValGluTrp}$ 288 LysArgSerIleGlyTyrAspAspThrAspGluSerHisCysAlaGlu 304 HisIleGluSerArgThrLeuAlaIleAlaArgAsnLeuThrGlnGln 320

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LeuGlnThrThrCysHisThrLeuLeuSerAsnIleGlnGlyValPro	336
GlnAsnIleGlnAspGlnAlaLysHisMetGlyValMetAlaGlyAsp	352
IleTyrSerValPheArgAsnAlaAlaSerPheLysGluValSerAsp	368
SerLeuLeuThrSerSerLysGlyGlnLeuGlnLysMetLysGluSer	384
LeuAspAspValMetAspTyrLeuValAsnAsnThrProLeuAsnTrp	400
LeuValGlyProPheTyrProGlnLeuThrGluSerGlnAsnAlaGln	416
AspGlnGlyAlaGluMetAspLysSerSerGlnGluThrGlnArgSer	432
GluHisLysThrHis	437